Figure 1

```
   1 tgttgtggag gacttgtgag aaccaccacc agagtccgac atcgcgatca
  51 cggagtagag aaagtcaaaa ctacttctct cagacggatt agtttggttt
       kcs3->
 101 gctggagatt gttccaagaa agagaaacgt taggagcaaa caaacaaaag
 151 agaaaagacg atgatgactg atgagagctt taacaaaaaa ataaaatgag
 201 agagctcaac gggtagaatt gtgagacttg agagagtgtt tcctatttaa
 251 ggcatgcgat tagtgtttat tacgagaatg ccaccgaacg agtacatatt
 301 aatgtatagt atgttaatga tagtctaact aaaatttggt ttttattgaa
 351 atagaatttt gtaagaataa tgaggatctg taatatagct ggatttgcat
 401 taaatcgtac gccgttggta atcgaaatta gttaaataaa tgttttagca
 451 tataatgttg gtgcttccga catgtttatt ggacaataat accatatttt
 501 ttctttggga tcttaaaaaa attgaggaag aaaatagtaa aatagtcaaa
 551 cttaggttac atcataatgg gccaattctt tgagttgtga ttgatctcca
 601 aagatataca tagatttaca caagatcaaa agaaaaacaa ttgggcctaa
 651 accccaagcc catatcaacg tccattatca ttaagattcc ttttttttctt
 701 gaaatttgaa aatttgaaat tcgattcaaa tctactctct ctgttttttt
 751 cccataaaaa tctgaaaaac cagaagcttc ttcatcactt ttcctcttga
 801 tatcttccat tagttggccg atacacatga cgccaaatac atcaatggcg
 851 actcttctct gtttttttagt tatatcaaac tcccacccaa cctgcagaag
 901 aaaaaatggt gtctataaac acatcccctt acgatttctt ctctatctct
 951 ctcacagtat ctatatatac gcacacaaac ccagattcag tttctcatca
1001 gtatcatcaa caaaaatatc aaagattctg ctttagaaac tgtccATGga
       kcs1 ->              <- kcs4
1051 tgctaatgga ggacctgtac agatccggac ccaaaactac gtcaagcttg
1101 gttatcacta tctgatcact cacttttttta aactcatgtt cctccctcta
1151 atggctgttt tgttcatgaa tgtctcattg ttaagcctaa accatcttca
1201 gctctattac aattccaccg gattcatctt cgtcattact ctcgccattg
1251 tcggatccat tgtcttcttc atgtctcgac ctagatccat ctaccttcta
1301 gattactctt gctacctccc gccttcgagt caaaaagtta gctaccagaa
1351 attcatgaac aactctagtt tgattcaaga tttcagcgaa acttctcttg
1401 agttccagag gaagatcttg attcgctctg gtctcggtga agagacttat
1451 ttaccggatt ctattcactc tatccctccg cgtcctacta tggctgcagc
1501 gcgtgaagaa gcggagcagg taatcttcgg tgcactcgac aatctttttcg
1551 agaatacaaa aatcaatcct agggagattg gtgttcttgt tgtgaattgt
1601 agtttgttta accctacgcc ttctttatcc gccatgattg ttaacaagta
1651 taagcttaga ggaaacatta agagctttaa ccttggagga atgggatgta
1701 gtgctggtgt tatcgcggta gatctagcta gtgatatgtt acaaatccat
1751 aggaacactt ttgctcttgt ggttagtact gagaacatca ctcagaattg
1801 gtattttggt aacaagaaag caatgttgat ccctaattgc ttgtttagag
1851 ttggtggttc cgcggttctg cttttcgaaca agcctttgga tcgaaaacga
1901 tccaagtata agcttgttca tacggtcagg actcataaag gatctgatga
1951 gaacgcattc aattgtgtgt atcaagaaca agatgagtgt ttgaaaaccg
2001 gagtttcttt gtctaaagat cttatggcta tagctggaga agctttaaag
2051 acgaatatca cttctttggg tcctctggtt cttcctataa gcgagcagat
2101 tctgttcttt gcgacttttg ttgctaagag attgttcaat gacaagaaga
2151 agaagcctta cataccggat ttcaagcttg ctttagatca tttctgtatt
2201 cacgcgggag gtagagccgt gattgatgag ctagagaaga gtttaaagct
2251 ttctccaaaa catgttgagg cgtctagaat gactttgcat agatttggaa
2301 acacttcctc tagctctata tggtatgaat tggcttacac ggaagctaaa
2351 ggaagaatga ggaaaggaaa cagagtttgg cagattgctt ttggtagcgg
2401 gtttaagtgt aacagcgcgg tttgggtggc tcttcgcaat gtcgagccct
2451 cggttaacaa tccttgggaa cattgcatcc atagatatcc ggttaagatc
                                                 <- kcs2
2501 gatctttga
```